## What is claimed is:

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- 1. A clear, crosslinked, polymeric gel composition comprising the reaction product of a microemulsion containing:
  - (a) from 1-70 wt.% of an anhydride functionalized polymer;
    - (b) from 0.1-40 wt.% of a cross-linking agent;
    - (c) from 0.01-50% wt.% surfactant;
    - (d) 0.01-30 wt.% water; and
- (e) from 10-95 wt.% a hydrophobic liquid, based on the total weight of the polymeric gel composition.
  - 2. The polymeric gel composition of claim 1 wherein the anhydride functionalized polymer is present in an amount from 1-40 wt.%, the cross-linking agent is present in an amount from 0.1-20 wt.%, the surfactant is present in an amount from 0.1-20 wt.%, and the water is present in an amount from 0.1-10 wt.%.
  - 3. The polymeric gel composition of claim 1 wherein the anhydride functionalized polymer is present in an amount from 10-25 wt.%, the cross-linking agent is present in an amount from 0.5-5 wt.%, the surfactant is present in an amount from 0.5-10 wt.%, and the water is present in an amount from 0.1-5 wt.%.
  - 4. The polymeric gel composition of claim 1 wherein the combined proportion of (d) and (e) equals at least 30 wt.%, based on the total weight of the polymeric gel composition.
  - 5. The polymeric gel composition of claim 1 wherein the anhydride functionalized polymer is a maleinized polybutadiene polymer, a maleinized polybutadiene/styrene polymer or a mixture thereof.
- 30 6. The polymeric gel composition of claim 1 wherein the cross-linking agent is water soluble

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- 7. The polymeric gel composition of claim 1 wherein the cross-linking agent is a polyamine compound.
- 8. The polymeric gel composition of claim 1 wherein the surfactant is an anionic or a nonionic surfactant.
  - 9. The polymeric gel composition of claim 1 wherein the hydrophobic liquid is a perfume.
- 10 10. The polymeric gel composition of claim 1 wherein the hydrophobic liquid is an insecticide or an insect repellant.
  - 11. The polymeric gel composition of claim 1 wherein the hydrophobic liquid is N,N-Diethyl-m-toluamide.
  - 12. The polymeric gel composition of claim 1 wherein the microemulsion further comprises a water soluble colorant, a water soluble dye, a water soluble pH color indicator or a water soluble pigment.
- 20 13. The polymeric gel composition of claim 1 wherein the microemulsion further comprises a water soluble fragrance or flavor material.
  - 14. A clear, crosslinked, polymeric gel composition comprising the reaction product of a microemulsion containing:
- 25 (a) from 1-40 wt.% of an anhydride functionalized polymer selected from maleinized polybutadiene polymers, maleinized polyisoprene polymers, maleinized polybutadiene/styrene polymers or mixtures thereof;
  - (b) from 0.1-20 wt.% of a polyamine cross-linking agent;
  - (c) from 0.1-20% wt.% anionic or cationic surfactant;
- 30 (d) 0.1-10 wt.% water; and
  - (e) from 10-95 wt.% a hydrophobic liquid perfume, a hydrophobic liquid insecticide or a hydrophobic liquid insect repellant, based on the total weight of the

polymeric gel composition, with the combined proportion of (d) and (e) equaling at least 30 wt.%, based on the total weight of the polymeric gel composition.

- 15. The polymeric gel composition of claim 14 wherein the hydrophobic liquid is N,N-Diethyl-m-toluamide.
  - 16. The polymeric gel composition of claim 14 wherein the microemulsion further comprises a water soluble colorant, a water soluble dye, a water soluble pH color indicator, a water soluble pigment, a water soluble fragrance or flavor material.

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17. A method for making a clear, crosslinked, polymeric gel composition comprising:

forming a microemulsion by combining

- (a) from 1-70 wt.% of an anhydride functionalized polymer;
- (b) from 0.1-40 wt.% of a cross-linking agent;
- (c) from 0.01-50% wt.% surfactant;
- (d) 0.01-30 wt.% water; and
- (e) from 10-95 wt.% a hydrophobic liquid, based on the total weight of the polymeric gel composition;

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forming a microemulsion from the combined (a)-(e); and then reacting the microemulsion to form a clear, crosslinked, polymeric gel composition.

- present in an amount from 1-40 wt.%, the cross-linking agent is present in an amount from 0.1-20 wt.%, the surfactant is present in an amount from 0.1-20 wt.%, and the water is present in an amount from 0.1-10 wt.%.
- 19. The method of claim 17 wherein the anhydride functionalized polymer is present in an amount from 10-25 wt.%, the cross-linking agent is present in an amount from 0.5-5 wt.%, the surfactant is present in an amount from 0.5-10 wt.%, and the water is present in an amount from 0.1-5 wt.%.

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- 20. The method of claim 17 wherein the combined proportion of (d) and (e) equals at least 30 wt.%, based on the total weight of the polymeric gel composition.
- 5 21. The method in accordance with claim 17 wherein the microemulsion gels in a mold and further comprising removing the resulting gel composition from the mold.
  - 22. The method in accordance with claim 17 wherein the microemulsion is formed by combining a first premix containing the cross-linking agent and one or more of at least a portion of the hydrophobic liquid, the surfactant, and the water with a second premix containing the anhydride functionalized polymer and one or more of at least a portion of the hydrophobic liquid, the surfactant, and the water.
- 23. The method in accordance with claim 18 wherein the first premix contains the cross-linking agent, the surfactant, the water and a first portion of the hydrophobic liquid.
  - 24. The method in accordance with claim 18 wherein the second premix contains the anhydride functionalized composition and a second portion of the hydrophobic liquid.
  - 25. The method in accordance with claim 17 wherein the surfactant is an anionic or a nonionic surfactant.
- 25 26. The method in accordance with claim 17 wherein the hydrophobic liquid is a perfume an insecticide or an insect repellant.
- 27. The method in accordance with claim 17 wherein the microemulsion further comprises a water soluble colorant, a water soluble dye, or a water soluble 30 pigment.

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- 28. The method of claim 17 wherein the microemulsion further comprises a water soluble fragrance or flavor material.
- 29. A method for making a clear, crosslinked, polymeric gel composition 5 comprising:

forming a microemulsion containing:

- (a) from 1-40 wt.% of an anhydride functionalized polymer selected from maleinized polybutadiene polymers, maleinized polyisoprene polymers, maleinized polybutadiene/styrene polymers or mixtures thereof;
  - (b) from 0.1-20 wt.% of a polyamine cross-linking agent;
  - (c) from 0.1-20% wt.% anionic or cationic surfactant;
  - (d) 0.1-10 wt.% water; and
- (e) from 10-95 wt.% a hydrophobic liquid perfume, a hydrophobic liquid insecticide or a hydrophobic liquid insect repellant, based on the total weight of the polymeric gel composition, with the combined proportion of (d) and (e) equaling at least 30 wt.%, based on the total weight of the polymeric gel composition by combining a first premix containing (b) the cross-linking agent and one or more of at least a portion of (c) the surfactant, (d) the water, and (e) the hydrophobic liquid, and with a second premix containing (a) the anhydride functionalized polymer and one or more of at least a portion of the (c) the surfactant, (d) the water, and (e) hydrophobic liquid, and;

forming a microemulsion from the combined (a)-(e); and then reacting the microemulsion to form a clear, crosslinked, polymeric gel composition.

- 25 30. The method of claim 29 wherein the hydrophobic liquid is N,N-Diethylm-toluamide.
  - 31. The method of claim 29 wherein the microemulsion further comprises a water soluble colorant, a water soluble dye, a water soluble pH color indicator, a water soluble pigment, a water soluble fragrance or flavor material.

- 32. The method in accordance with claim 29 wherein the microemulsion gels in a mold and further comprising removing the resulting gel composition from the mold.
- The method in accordance with claim 29 wherein the first premix contains
  the cross-linking agent, the surfactant, the water and a first portion of the hydrophobic liquid.
- 34. The method in accordance with claim 29 wherein the second premix contains the anhydride functionalized composition and a second portion of the hydrophobic liquid.